<b>EAST SEARCH TAGGED</b>	H TAGGED						
patent #	type	pub date	title	class1	class2	inventor	
US 5642299 A	USPAT	19970624	19970624 Electro-optical range finding 702/142 and speed detection system	702/142	340/937; 356/3; 356/4.01; 382/106; 701/300; 702/159	Hardin, Larry C. et al.	
US 5581298 A	USPAT	19961203	19961203 Color signal processing apparatus using plural luminance signals	348/222.1	348/223.1; 348/237; 348/254; 348/279	348/223.1; 348/237; Sasaki, Takashi et al. 348/254; 348/279	
US 6768820 B1	USPAT	20040727	20040727 Method and system for extracting data from surface array deposited features	382/289	382/129	Yakhini, Zohar H. et al.	
US 6636646 B1	USPAT	20031021	20031021 Digital image processing method and for brightness adjustment of digital images	382/274	358/515; 358/518; 358/520; 382/162; 382/165; 382/167; 382/275	Gindele, Edward B.	
US 5835620 A	USPAT	19981110	19981110 Boundary mapping system and method	382/133	356/629; 382/128	Kaplan, Eran et al.	
US 6304684 B1	USPAT	20011016	20011016 Information processing system and method of using same	382/318	348/110; 348/96; 382/319	Niczyporuk, Marek A. et al.	
US 5038216 A	USPAT	19910806	19910806 Automatic brightness algorithm in a slide to video transfer unit	348/364	348/111	Easterly, Robert W. et al.	

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	DATABASE	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT		USPAT; US-PGPUB; EPO; JPO; DERWENT; or IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; or IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; or IBM_TDB	SPAT, US-PGPUB; PO, JPO; DERWENT; M_TDB
CH HISTORY	QUERY	2 4803548.pn.	9 4803548.URPN.	9 (color adj1 filter adj1 array) or cfa		((row and column) or (horizontal and vertical) or (("X" or "x") and ("Y" or "y")) o (ordinate and abscissa)) with (aggregate or total or sum)	(frow and column) or (horizontal and vertical) or (("X" or "x") and ("Y" or "y") or It (ordinate and abscissa)) with (aggregate or total or sum) same ((linear adj1 regress\$6) or (least adj square\$3) or (fit near3 line))	(("X" or "x") and ("Y" or "y") or [B] (("X" or "x") and ("Y" or "y")) or [B] (ordinate and abscissa)) with (aggregate or total or sum) same ((linear adj1 regress\$6) or (least adj square\$3) or (fit near3 line))) and (382.clas. or 348.clas. or 438770.ccts.)
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USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT. US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
21 ((((row and column) or () USPAT; US-() horizontal and vertical) or ("X" or "x") and ("Y" or "y")) or (BM_TDB (ordinate and abscissa)) with (aggregate or total or sum) same ((inear adj1 regress\$6) or (least adj square\$3) or (fit near3 line))) and (382.clas. or 348.clas. or 438/70.ccls.)) and (@ad<20010110	18876 ((row or horizontal or ("X" or "x") or ordinate) near5 (aggregate or total or sum or count)) same ((column or vertical or ("Y" or "y") or abscissa) near5 (aggregate or total or sum or count))	739 (((row or horizontal or ("X" or U"x") or ordinate) near5 (aggregate or total or sum or count)) same ((column or vertical or ("Y" or "y") or abscissa) near5 (aggregate or total or sum or count))) and ((linear adj1 regress\$6) or ((least adj square\$3) or (fit near3 line))	70716 (362.clas. or 348.clas. or 438/70.ccls.) and @ad<20010110

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<b>‰</b>	89 (US-5199082-\$ or US- 5198876-\$ or US-5157734-\$ or US-5065237-\$ or US- 4982342-\$ or US-4805121-\$ or US-4739404-\$ or US- 4716458-\$ or US-4669097-\$	USPAT; US-PGPUB		
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USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
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USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB  or	r USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB ))	r USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB ))
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USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT: US-PGPUB: EPO: JPO; DERWENT; IBM_TDB
13 ((color adj1 filter adj1 array) or USPAT; US-PGPUB; Cfa ) and ((regress\$6) or EPO; JPO; DERWEN (least adj square\$3) or (fit\$5 IBM_TDB near3 line) and (@ad<20010110 and (382.clas. or 348.clas. or 438/70.ccls.)	2 (((color adj1 filter adj1 array) USPAT; US-PGPUB; or cfa) with reconstruct\$6) and EPO; JPO; DERWENT; ((regress\$6) or (least adj Square\$3) or (fit\$5 near3 line)) and @ad<20010110	2 20020122175.pn.	17685 (((row or horizontal or ("X" or to dinate) near5 (aggregate or total or sum or count)) same ((column or vertical or ("Y" or "y") or abscissa) near5 (aggregate or total or sum or count or accumul\$8)))	18059 (((row or horizontal or ("X" or U"x") or ordinate) near5 (aggregate or total or sum or count)) same ((column or vertical or ("Y" or "y") or abscissa) near5 (aggregate or total or sum or count)))	827 (((row or horizontal or ("X" or U "X") or ordinate) near5 (aggregate or total or sum or count)) same ((column or vertical or ("Y" or "y") or abscissa) near5 (aggregate or total or sum or count or accumul\$8))) same vector
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USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
(((row or horizontal or ("X" or "x") or ordinate) near5 (aggregate or total or sum or count)) same ((column or vertical or ("Y" or "y") or abscissa) near5 (aggregate or total or sum or count or accumul\$8))) same vector and ((regress\$6) or (least adj square\$3) or (fit\$5 near3 line))	69262 (382.clas. or 348.clas. or 438/70.ccls.) and @ad<20010110	14 ((((row or horizontal or ("X" or "x") or ordinate) near5 (aggregate or total or sum or count)) same ((column or vertical or ("Y" or "y") or abscissa) near5 (aggregate or total or sum or count or accumul\$8))) same vector and ((regress\$6) or (least adj square\$3) or (fit\$5 near3 line))) and ( (382.clas. or 348.clas. or 438/70.ccls.) and @ad<20010110 )	55 ((((row or horizontal or ("X" or L" x") or ordinate) near5 (aggregate or total or sum or count)) same ((column or vertical or ("Y" or "y") or abscissa) near5 (aggregate or total or sum or count or accumul\$8))) same vector and ((regress\$6) or (least adj square\$3) or (fit\$5 near3 line))) and @ad<20010110

USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
(((row or horizontal or ("X" or USPAT; L"X") or ordinate) near5 (aggregate or total or sum or Count)) same ((column or vertical or ("Y" or "y") or abscissa) near5 (aggregate or total or sum or count or accumul\$8))) same vector and ((regress\$6) or (least adj square\$3) or (fit\$5 near3 line))	40 ((projection adj (pofile or integral or histogram)) or ((vertical or horizontal) adj (histogram))) and ((regress\$6)) or (least adj square\$3) or (fit\$5 near3 line))	171 ((projection near3 (pofile or USPAT; U integral or histogram)) or EPO; JPC ((vertical or horizontal) adj IBM_TDB (histogram))) and ((regress\$6) or (least adj square\$3) or (fit\$5 near3 line))	5709 (color adj1 filter adj1 array) or USPAT; U Cfa EPO; JPO	O (((projection near3 (pofile or USPAT; U integral or histogram)) or EPO; JPC ((vertical or horizontal) adj (BM_TDB (histogram))) and ((regress\$6) or (least adj square\$3) or (fit\$5 near3 line))) and ((color adj1 filter adj1 array) or cfa )	70716 (382.clas. or 348.clas. or USPAT; U 438/70.ccls.) and EPO; JPC @ad<20010110 IBM_TDB
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291 (((projection near3 (pofile or integral or histogram)) or ((vertical or horizontal) adj (histogram))) and ((regress\$6) or (least adj square\$3) or (fit\$5 near3 line))) and10	24 (((projection near3 (pofile or luintegral or histogram)) or ((vertical or horizontal) adj (histogram))) and ((regress\$6) or (least adj square\$3) or (fit\$5 near3 line))) and ( (382.clas. or 348.clas. or 438/70.ccls.) and ( @ad<20010110 )	35 dance-c\$9.in.	0 dance-chr\$9.in.	2 6577762.pn.	2 4803548.pn.	2 20020122175.pn.	2 4803548.pn.
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95358 ((variance or covariance or O'variance or deviat\$5 or difference or varying or variation or flux\$8 or discrepanc\$5 or distortion or noise or noisy or frequency) with ((row and column) or (horizontal and vertical) or (("X" or "x") and ("Y" or "y")) or (ordinate and abscissa)))	145897 ((select\$5 or choos\$5 or discrimin\$8) with ((row and column) or (horizontal and vertical) or (("X" or "x") and ("Y" or "y")) or (ordinate and abscissa)))	(((variance or covariance or Co?variance or deviat\$5 or difference or varying or variation or flux\$8 or discrepanc\$5 or distortion or noise or noisy or frequency) with ((row and column) or (("X" or "x") and ("Y" or "y")) or (ordinate and abscissa))) and (((select\$5 or choos\$5 or discrimin\$8) with ((row and column) or (horizontal and vertical) or (("X" or "x") and ("Y" or "y")) or (ordinate and abscissa))) and (348.clas. or 382.clas. or 385.clas.) and (@ad<20010110
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115 ((((variance or covariance or U co?variance or deviat\$5 or El difference or varying or variation or flux\$8 or discrepanc\$5 or distortion or noise or noisy or frequency) with ((row and column) or (("X" or "x") and ("Y" or "y")) or (ordinate and abscissa))) ) and (((select\$5 or choos\$5 or discrimin\$8) with ((row and column) or (horizontal and vertical) or (("X" or "x") and ("X" or "y")) and (382.clas.) and @ad<20010110) and ((regress\$6) or (least adj square\$3) or (fit\$5 near3 line))	
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USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT, US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
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1 ((((variance or covariance or co?variance or deviat\$5 or difference or varying or variation or flux\$8 or discrepanc\$5 or distortion or noise or noisy or frequency) with ((row and column) or (horizontal and vertical) or (("X" or "x") and ("Y" or "y")) or (ordinate and abscissa))) ) and ((select\$5 or choos\$5 or discrimin\$8) with ((row and column) or (horizontal and vertical) or (("X" or "x") and ("Y" or "y")) or (ordinate and abscissa))) ) and (382.clas.) and @ad<20010110) and ("reconstruct\$6 or form\$6 or restor\$8)). ti.	((variance or covariance or co?variance or co?variance or deviat\$5 or difference or varying or variation or flux\$8 or discrepanc\$5 or distortion or noise or noisy or frequency) near5 ((row and column) or (horizontal and vertical) or (("X" or "X") and ("Y" or "y")) or (ordinate and abscissa)))	((select\$5 or choos\$5 or discrimin\$8) near5 ((row and column) or (nrizontal and vertical) or (("X" or "x") and ("Y" or "y")) or (ordinate and abscissa)))
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USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
4224 (((variance or covariance or difference or deviat\$5 or difference or varying or variation or flux\$8 or discrepanc\$5 or distortion or noise or noisy or frequency) near\$ ((row and column) or (horizontal and vertical) or (("X" or "x") and ("Y" or "y")) or (ordinate and abscissa))) and (((select\$5 or choos\$5 or discrimin\$8) near\$ ((row and column) or (horizontal and vertical) or (("X" or "x") and ("Y" or "y")) or (ordinate and abscissa))))	((variance or covariance or U co?variance or deviat\$5 or E difference or varying or variation or flux\$8 or discrepanc\$5 or distortion or noise or noisy or frequency) near5 ((row and column) or (horizontal and vertical) or (("X" or "x") and ("Y" or "y")) or (ordinate and abscissa))) ) and (((select\$5 or choos\$5 or discrimin\$8) near5 ((row and column) or (horizontal and vertical) or (("X" or "x") and ("X" or "y")) or (ordinate and abscissa))) and (348.clas. or 356.clas.) and (@ad<20010110)
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9 (US-4739404-\$ or US-6496221-\$ or US-6311297-\$ or US-6311297-\$ or US-6311297-\$ or US-656100-\$ or US-6163868-\$ or US-619226-\$ or US-5225904-\$ or US-5038216-\$ or US-4816909-\$).did.  9 ((((variance or covariance or Coo?variance or deviat\$\$ or difference or varying or variation or flux\$8 or disference or varying or variation or flux\$8 or discrepanc\$\$ or distortion or noise or noisy or frequency) near\$ ((row and column) or (horizontal and vertical) or (("X" or "x") and ("Y" or "y")) or (ordinate and abscissa))) and (348.clas. or 382.clas. or 356.clas.) and ("X" or "y") or (ordinate and abscissa)) and ((US-4739404-\$ or US-6496221-\$ or US-6519226-\$ or US-6519226-\$	\$).did.) \$).did.)  \$0.382.clas. and (reconstruct\$8 or recover\$6 or scal\$ or sc

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USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
339 (row or column or scan?line or USPAT; US-PGPUB; scanline) with (choos\$6 or scaline) with (choos\$6 or designat\$6 or dscrimin\$8 or delet\$6 or decemp\$5 or delet\$6 or descard or determin\$8) with (variance or variation or deviation or noisy or noise or "sigma" or co?variance or covariance or co?variance or covariance or co?variance or covariance or co?variance or corneation or disparit\$4) and (382.clas. and @ad<20010110)	5730 (color adj1 filter adj1 array) or USPAT; US-PGPUB; cfa EPO; JPO; DERWEN IBM_TDB	1 ((row or column or scan?line or scanline) with (choos\$6 or select\$6 or dscrimin\$8 or designat\$6 or accept\$6 or reject\$6 or reject\$6 or emov\$5 or delet\$6 or discard or determin\$8) with (variance or variation or deviation or noisy or noise or "sigma" or co?variance or covariance or varying or unifom\$5 or chang\$6 or corrleation or disparit\$4) and (382.clas. and @ad<20010110) ) and ((color adj1 filter adj1 array) or cfa)	93165 (regress\$6) or (least adj square\$3) or (fit\$5 near3 line)

USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
43 ((row or column or scan?line or scanline) with (choos\$6 or Er select\$6 or dscrimin\$8 or designat\$6 or accept\$6 or reject\$6 or remov\$5 or delet\$6 or discard or determin\$8) with (variance or variation or deviation or noisy or noise or ".sigma" or co?variance or covariance or varying or unifom\$5 or chang\$6 or corrleation or disparit\$4) and (382.clas. and @ad<20010110) and ((regress\$6) or (fit\$5 near3 line))	18 (row or column or scan?line or USPAT; US-PGPUB; scanline) with (choos\$6 or select\$6 or designat\$6 or reject\$6 or accept\$6 or reject\$6 or emov\$5 or delet\$6 or discard or determin\$8) with (variance or variation or deviation or noisy or noise or "sigma" or co?variance or covariance or varying or unifom\$5 or correleation or disparit\$4) with (aggregate or total or sum or count or integra\$8) and (382.clas. and @ad<20010110)

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USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
189600 (((low or small or little or less or least) nea3 (variance or covariance or covariance or (standard adj1 deviation) or variation or disparity or uniformity)) with (row or column)) or (uniform near3 (row or coloumn)) or (non?uniform near3 (row or coloumn)) or (flat near3 (row or coloumn)) or (flat near3 (row or coloumn)) or (varying near3 (row or coloumn)) or (varying near3 (row or coloumn)) or (row or coloumn))	or least) nea3 (variance or covariance or covariance or (standard adj deviation) or variation or disparity or uniformity)) with (row or coloumn)) or (uniform near3 (row or coloumn)) or (non?uniform near3 (row or coloumn)) or (nonuniform near3 (row or coloumn)) or (starying near3 (row or coloumn)) and (382 clas. and @ad<20010110)	184908 (((low or small or little or less or least) nea3 (variance or covariance or covariance or (standard adj1 deviation) or variation or disparity or uniformity)) with (row or

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USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
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USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
313 (((low or small or little or less or least) near2 (variance or covariance or (standard adj1 deviation) or variation or disparity or uniformity)) with (row or column))	14 (((()ow or small or little or less U or least) near2 (variance or covariance or covariance or (standard adj1 deviation) or variation or disparity or uniformity)) with (row or column))) and (382.clas. and @ad<20010110)	7 ((((low or small or little or less U or least) near2 (variance or covariance or covariance or (standard adj1 deviation) or variation or disparity or uniformity) with (row or column))) and (348.clas. and @ad<20010110)	7 ((((low or small or little or less U or least) near2 (variance or covariance or (standard adj1 deviation) or variation or disparity or uniformity)) with (row or column))) and (356.clas. and @ad<20010110)
31.	71		

BRS BRS BRS BRS	15 (("4630307") or ("4642678") or ("4803548") or ("4724395") or ("5506619") or ("5778106") or ("5990950") or ("4176373") or ("3971065") or ("5990950") or ("4716455") or ("5065229") or ("57373322") or ("5632976") or ("5629734") or ("5652621")).PN.  1 ("6577762").PN. 1 document adj optimized adj reconstruction ("nage adj (construct\$8 or reconstruct\$8)) same (linear adj (transform\$8 or function\$4)) and @ay<2001 6 ((image or document) adj (construct\$8 or reconstruct\$8) same (linear adj (transform\$8 or function\$4)) and @ay<2001 ((image or document) adj (construct\$8 or reconstruct\$8)) same (linear adj (transform\$8 or function\$4)) and @ay<2001 (transform\$8 or function\$4)) and @ay<2001	USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB	
123	1232 color adj filter adj array	USPAT; US-PGPUB	
w   u	55 color adj filter adj array and 382.clas.	USPAT; US-PGPUB	
,	54 color adj filter adj array and 362 clas. and @ay<2001	USPAI; US-PGPUB	
	11 dance-chris.in. or dance-chistopher.in. or dance-christopher-r.in.	USPAT; US-PGPUB	
53	90 (color adj interpol\$8) and (cfa or color adj filter adj array)	USPAT; US-PGPUB	
43	56 (color adj interpol\$8) and (cfa or color adj filter adj array) and @ay<2001	USPAT; US-PGPUB	
	0 (color adj interpol\$8) and (cfa or color adj filter adj array) and (no adj spatial) and @ay<2001	USPAT; US-PGPUB	
	0 (color adj interpol\$8) and (cfa or color adj filter adj array) and (no near spatial) and (@av<2001	USPAT; US-PGPUB	

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USPAT; US-PGPUB	USPAT; US-PGPUB	USPAT, US-PGPUB	USPAT; US-PGPUB	USPAT; US-PGPUB	USPAT, US-PGPUB	USPAT	USPAT	USPAT; US-PGPUB
	28 (color adj interpol\$8) and (cfa or color adj filter adj array) and ((spatial) or (the adj position)) and @ay<2001	0 (color adj interpol\$8) same (cfa or color adj filter adj array) same ((spatial) or (the adj position)) and @ay<2001	5 (color adj interpol\$8) same ((spatial) or (the USPAT; US-PGPUB adj position)) and (cfa or color adj filter adj array) and @ay<2001	119 ((color adj interpol\$8) or (transform\$8 or function\$8)) same ((spatial) or (the adj position)) and (cfa or color adj filter adj array) and @ay<2001	Jo :=			255 (transform\$8 or function\$4) and (mean or average) and (variance) and (image adj reconstruction) or (CFA or (color adj array adj filter))) and @ay<2001
					·			
BRS	BRS	BRS	BRS	BRS	BRS	BRS	BRS	BRS

USPAT; US-PGPUB	USPAT; US-PGPUB	USPAT; US-PGPUB	USPAT; US-PGPUB	USPAT; US-PGPUB	USPAT; US-PGPUB
77 (transform\$8 or function\$4) and (mean or average) and (variance) and ((image adj reconstruction) or (CFA or (color adj array adj filter))) and @ay<2001 and (382.clas. or 345.clas.)	87 (transform\$8 or function\$4) and (mean or average) and (variance) and (image adj reconstruction) or (CFA or (color adj array adj filter))) and @ay<2001 and (382.clas. or 345.clas. or 348.clas.)	212 ((curve adj fit\$8) or (regression) or (least?square or least?squares) or spline) and (cfa or (color adj filter adj array)) and @ay<2001	13 ((curve adj fit\$8) or (regression) or (least?square or least?squares) or spline) and (cfa or (color adj filter adj array)) and @ay<2001 and (348.clas. or 382.clas. or 345.clas.)	(curve adj fit\$8) or (regression) or (least?square or least?squares) or spline or (best adj fit) and (cfa or (color adj filter adj array)) and @ay<2001	23 (sum or summation or add or added or addition) and ((least?square or least?squares) or spline or (best adj fit)) and ((color adj filter adj array) or cfa) and @ay<2001
BRS	BRS	BRS	BRS	BRS	BRS

USPAT; US-PGPUB	USPAT; US-PGPUB	USPAT; US-PGPUB	USPAT; US-PGPUB	USPAT; US-PGPUB	USPAT	USPAT	USPAT; US-PGPUB	USPAT
261 (sum or summation or add or added or addition) and ((least?squares) or spline or (best adj fit)) and (((document or image or color or tone or tonal or (color adj filter adj array) or CFA) adj (construction or reconstruction or re?construction or re?construction) and @ay<2001	addition) and ((least?square or least?squares) or spline or (best adj fit)) and (((document or image or color or tone or tonal or (color adj filter adj array) or CFA) adj (construction or reconstruction or re?construction or recovery)) or (color adj interpolation)) and @ay<2001 and (382.clas. or 345.clas. or 348.clas. or 358.clas.)			a.in.	4 ("4400721"   "4612570"   "4630307"   "4739395"), PN.	9 4803548.URPN.	5652621").PN.	or US-3971065-\$ or US-84724395-\$ or US-4803548 9-\$ or US-5373322-\$ or US-5506619-\$ or US-4630307 8-\$ or US-5629734-\$ or US-578106-\$ or US-5990950
BRS	BRS S	BRS	BRS	BRS	BRS	BRS	IS&R	BRS

USPAT; US-PGPUB	USPAT; US-PGPUB	USPAT, US-PGPUB	USPAT; US-PGPUB
0 ((US-4176373-\$ or US-3971065-\$ or US-4803548 4716455-\$ or US-4724395-\$ or US-4803548 \$ or US-505529-\$ or US-5373322-\$ or US-5382976-\$ or US-5506619-\$ or US-4630307-\$ or US-4642678-\$ or US-5629734-\$ or US-555261-\$ or US-5778106-\$ or US-5990950-\$ (3).did.) and confidence	5 ((US-4176373-\$ or US-3971065-\$ or US- 4716455-\$ or US-4724395-\$ or US-4803548- \$ or US-5065229-\$ or US-5373322-\$ or US- 5382976-\$ or US-5506619-\$ or US-4630307- \$ or US-4642678-\$ or US-5629734-\$ or US- 5652621-\$ or US-5778106-\$ or US-5990950- \$).did.) and predict\$	1 ("20020122175").PN. 16 (US-6580837-\$ or US-6078307-\$ or US-6600833-\$ or US-5889554-\$ or US-6094508-\$ or US-6356276-\$ or US-6466618-\$ or US-6338813-\$ or US-4803548-\$ or US-6430313-\$ or US-6130960-\$ or US-6931851-\$ or US-6430854-\$ or US-6392699-\$).did. or (US-20030053684-\$ or US-20020012398-\$).did.	0 ((US-6580837-\$ or US-6078307-\$ or US-6600833-\$ or US-5889554-\$ or US-6094508-\$ or US-6356276-\$ or US-6466618-\$ or US-683813-\$ or US-64803548-\$ or US-6430313-\$ or US-6130960-\$ or US-6091851-\$ or US-621084-\$ or US-6392699-\$) did. or (US-20030053684-\$ or US-20020012398-\$). did.) and aharya.in.
BRS	BRS	BRS BRS	BRS S

7 ((US-6580837-\$ or US-6078307-\$ or US-600833-\$ or US-5889554-\$ or US-600833-\$ or US-6889554-\$ or US-600833-\$ or US-6356276-\$ or US-666618-\$ or US-5838813-\$ or US-6392699-\$ or US-6392699-\$) did or (US-6200053684-\$ or US-6030053684-\$ or US-20020012398-\$) did ) and acharya.in. 9 ("4400721"   "4612570"   "4630307"   US-639369-\$), did ) 1 ("4501242").PN. 9 (\$901242").PN. 10 (\$130960.URPN. 11 ("4605956"   "5631703"   "5652621"   US-5901242").PN. 12 ("4605956").PN. 14 ("4605956").PN. 15 ("3588224"   "3696202"   "4176373").PN. 16 ("301242").PN. 17 ("4605956").PN. 18 ("3588224"   "3696202"   "4176373").PN. 19 (color adj interpol\$8) same (cfa or color adj ilter adj array)) and (confidence) 11 (cfa or (color adj filter adj array)) and (confidence) and (382.clas. or 348.clas. or 375.clas. or 345.clas.) 14 (confidence) and (382.clas. or 348.clas. or 375.clas. or 345.clas. or 375.clas. or 345.clas.) 14 (confidence adj measure) same ((least adj US) square) or (linear near regression))
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BRS	1 (confidence adj (coefficientor indicator)) same ((least adj square) or (linear near regression))	USPAT; US-PGPUB		
BRS	4 (confidence adj (coefficient or indicator)) same ((least adj square) or (linear near regression))	USPAT; US-PGPUB		
BRS	26 (confidence adj (coefficient or indicator)) and ((least adj square) or (linear near regression))	USPAT; US-PGPUB		

US 6430313 B1 19890206		_		
34 A1	7 Color video image enhancement	348/630		Kirk, Richard A.
	11 Block-matching algorithm for color interpolation	382/164	358/1.9	Acharya, Tinku
-	12 Using a minimal number of parameters for correcting the response of color image sensors	382/167	382/162	Smith, Ronald D. et al.
US 6130960 A 20001010	12 Block-matching algorithm for color interpolation	382/167	358/525	Acharya, Tinku
US 6091851 A 20000718	11 Efficient algorithm for color recovery from 8-bit to 24-bit color pixels	382/167	348/266; 348/272	Acharya, Tinku
US 5696848 A 19971209	21 System for creating a high resolution image from a sequence of lower resolution motion images	382/254	382/299; 382/300	Patti, Andrew J. et al.
US 20020012398 A1 2002013	66 Digital still camera system and method	375/240.25		Zhou, Minhua et al.
US 6421084 B1 20020716	9 Method for interpolating a full color image from a single sensor using multiple threshold-based gradients	348/273	348/223.1	Chang, Edward T. et al.
US 6356276 B1 20020312	18 Median computation-based integrated color interpolation and color space conversion methodology from 8-bit bayer pattern RGB color space to 12-bit YCrCb color space	345/600	345/427; 345/589; 345/604	Acharya, Tinku
US 5889554 A 19990330	13 Process and system for generating a full color image of multispectral image from the image data of a CCD image sensor with a mosaic color filter	348/273	348/278	Mutze, Ulrich
US 6466618 B1 20021015	19 Resolution improvement for multiple images	375/240.01	348/42; 348/43	Messing, Dean et al.

US 5838813 A	19981117	20 Dithered image reconstruction	382/103	250/208.1;	250/208.1; Kancler, Henry
				358/406;	C. et al.
				358/466;	
				358/474;	
				382/270;	
				382/312	
US 6078307 A	20000620	12 Method for increasing	345/600	345/698	Daly, Scott J.
		luminance resolution of color			
		panel display systems			
US 6580837 B1	20030617	16 Up-sampling decimated color	382/300	345/606;	Johnson, Louis
		plane data		345/616;	
				382/264;	
				382/267	